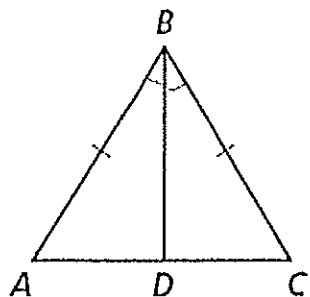


Name _____ Date _____

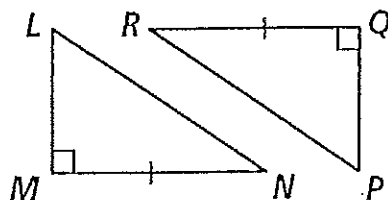
4.2 and 4.3 Practice

Decide whether you can use the SSS, SAS, or AAS Postulate or ASA Theorem to prove the triangles congruent. If so, write the congruence statement, and identify the postulate. If not, write *not possible*. Some may be more than one.

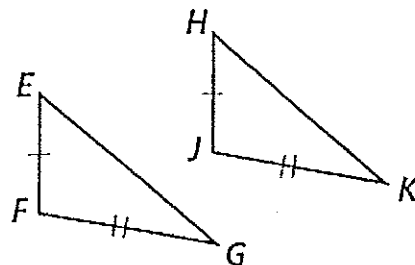
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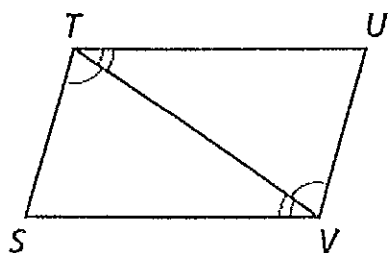
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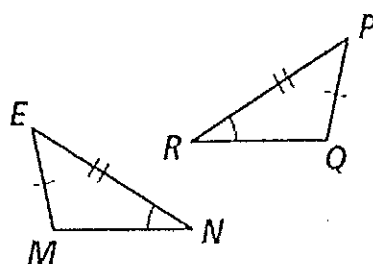
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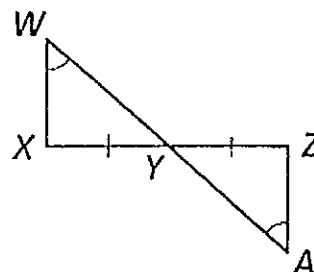
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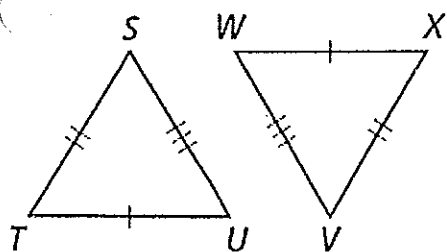
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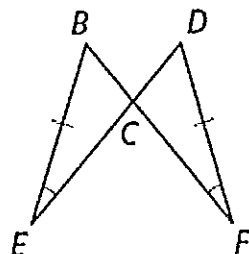
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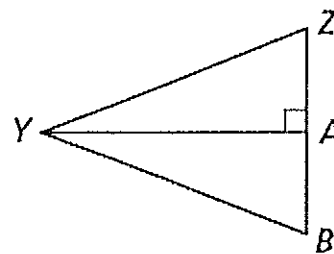
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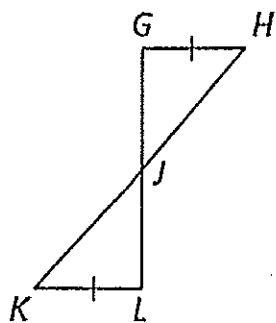
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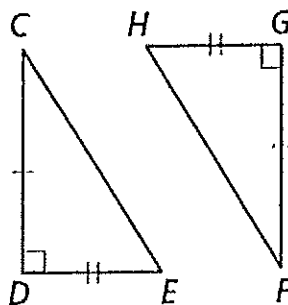
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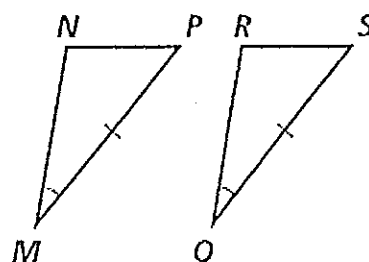
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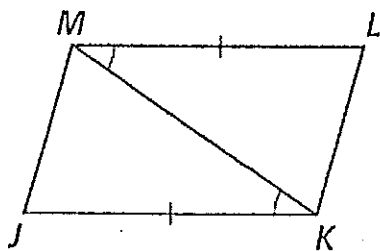
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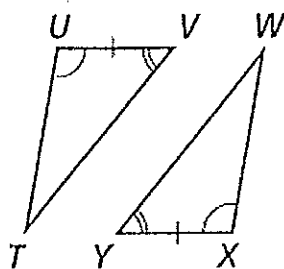
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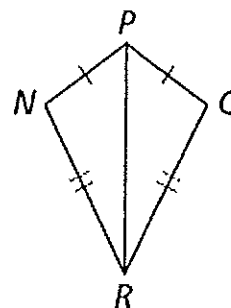
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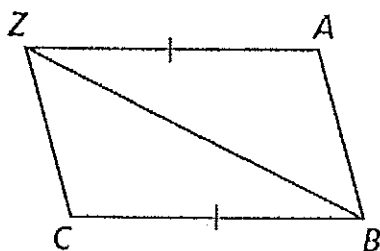
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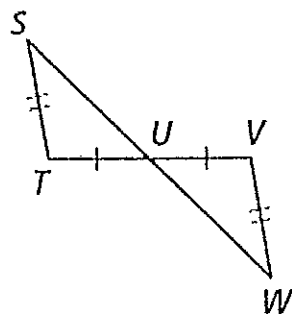
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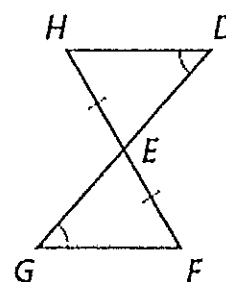
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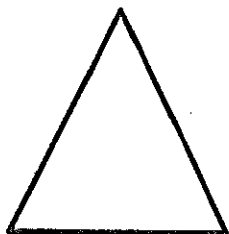
17.



18.



Draw a triangle. Label the vertices A, B, and C.



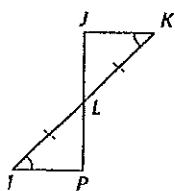
19. What angle is between \overline{BC} and \overline{AC} ?
20. What sides include $\angle B$?
21. What angles include \overline{AB} ?
22. What side is included between $\angle A$ and $\angle B$?

Practice Proofs:

3.

Given: $\angle K \cong \angle M$, $\overline{KL} \cong \overline{ML}$

Prove: $\triangle JKL \cong \triangle PML$



①

②

③

Reasons

①

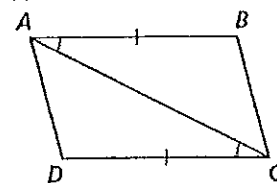
②

③

24.

Given: $\overline{AB} \cong \overline{DC}$, $\angle BAC \cong \angle DCA$

Prove: $\triangle ABC \cong \triangle CDA$



26.

Given: $\angle Q \cong \angle S$, $\angle TRS \cong \angle RTQ$

Prove: $\triangle QRT \cong \triangle STR$

